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### 1 [Random sampling in cut, flow, and network design problems](#)



David R. Karger

 May 1994 **Proceedings of the twenty-sixth annual ACM symposium on Theory of computing**

Publisher: ACM Press

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### 2 [Better random sampling algorithms for flows in undirected graphs](#)



David R. Karger

 January 1998 **Proceedings of the ninth annual ACM-SIAM symposium on Discrete algorithms**

Publisher: Society for Industrial and Applied Mathematics

Full text available: pdf(991.83 KB)

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### 3 [Using random sampling to find maximum flows in uncapacitated undirected graphs](#)



David R. Karger

 May 1997 **Proceedings of the twenty-ninth annual ACM symposium on Theory of computing**

Publisher: ACM Press

Full text available: pdf(1.38 MB)

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### 4 [Directional antenna: On the maximum stable throughput problem in random networks with directional antennas](#)



Christina Peraki, Sergio D. Servetto

 June 2003 **Proceedings of the 4th ACM international symposium on Mobile ad hoc networking & computing**

Publisher: ACM Press

Full text available: pdf(289.52 KB)

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We consider the problem of determining rates of growth for the maximum stable throughput achievable in dense wireless networks. We formulate this problem as one of finding maximum flows on random unit-disk graphs. Equipped with the max-flow/min-cut